



May

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

KIRIL A. PANDELISEV

Serial No.: 09/881,091

Art Unit: 1731

Filed: June 15, 2001

Examiner: J. Hoffmann

For: HOT SUBSTRATE DEPOSITION FIBER OPTIC PREFORMS AND PREFORM
COMPONENTS PROCESS AND APPARATUS

RESPONSE

To the Director of Patents and Trademarks

Sir:

In response to the office action dated February 23, 2004,
kindly reconsider and withdraw the refusal to examine claims.

It is understood that the examiner holds that his previously
unidentified acronym MCVD means creating particles from within a
substrate and refuses to examine any claim which does not state
creating particles from within a substrate.

Such a holding would appear not to be based on the facts of
this application.

Figures 1-25, all of the figures, clearly show, and the
specification clearly states, that particles are deposited
outside the boule that grows on the substrate.

If the examiner has created some species that is not within
the figures and specification and has mislead by some arbitrary
initials what he now holds to be completely outside of the claims

and specification and drawings, the entire purpose of restriction has been obverted.

There is but one species in the application, that of porous preforming, rotating and translating in chambers, which may be horizontal, vertical or in any other position, as described on page 3 with reference to Figure 1. The preform grows as silica particles are deposited on the preform. The porous silica body is vitrified, softened, melted and used in the production of useful articles.

If a species is to be represented by a figure, the applicant elects the species of Figure 5, which may be horizontal, vertical or in any other position, as described on page 3 with reference to Figure 1. The preform grows as silica particles are deposited on the preform. The porous silica body is vitrified, softened, melted and used in the production of useful articles. Figure 5 shows Modified Chemical Vapor Deposition MCVD.

The method claims that are readable thereon are claims 17-25, 65-86 and 88-90.

Those claims are generic to the remainder of the method claims.

The elected method claims are for the broadest methods.

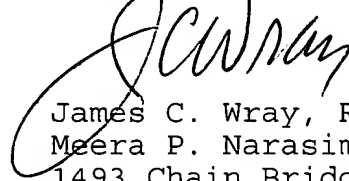
The claims should be considered after the broad claims are allowed cover the steps of removing the preform from the substrate and collapsing the preform.

The fact that the examiner has found that most MCVD patents create and feed particle from within the substrate does not mean

that the present invention must claim that process, but further supports the novelty and unobviousness of the new method.

Reconsideration and allowance are respectfully requested.

Respectfully,

A handwritten signature in black ink, appearing to read "JC Wray", is written over the typed name and address.

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